

CONTENTS

| | |
|---|-----|
| Possible Genetic Influence on Conjugate Formation in Salicylic Acid Metabolism. <i>T. S. Emudianughe</i> | 7 |
| Pharmacology of WEB 1881-FU, a Central Cholinergic Agent, which Enhances Cognition and Cerebral Metabolism. <i>F. J. Kuhn, G. Schingnitz, E. Lehr, E. Montagna, H. D. Hinzen and A. Giachetti</i> | 13 |
| Hypoxic Stress-Induced Convulsion and Death: Protective Effect of α_2 -Adrenoceptor and Benzodiazepine Receptor Agonists and Ro 5-4864. <i>J. Kunchandy and S. K. Kulkarni</i> | 35 |
| Anaesthetic Effects of Flurazepam Alone and in Combination with Thiopental or Hexobarbital Evaluated with an EEG-Threshold Method in Male Rats. <i>L. Norberg and G. Wahlström</i> | 45 |
| Effects of Calcium Antagonist Nimodipine on Pentylentetrazole-Induced Seizures in Rats and Rabbits. <i>P. Popoli, A. Pèzzola and A. Scotti de Carolis</i> | 58 |
| Inhibitory Effect of Apomorphine on Hippocampal Stimulation-Induced "Wet-Dog Shakes" in Rats may be due to a Stereotyped Behavior. <i>H. Araki, Y. Uchiyama, H. Aihara, T. Yamamoto, M. Ohno and S. Ueki</i> | 68 |
| The Effects of Hypothermia on the Blockade of Muscarinic Receptors by Phenoxy- benzamine. <i>C. S. Tsai and R. F. Ochillo</i> | 76 |
| Evidence for Multiple Prejunctional Receptor Sites in Rat Isolated Anococcygeus Muscle. <i>A. P. Rajani and O. D. Gulati</i> | 86 |
| Influence of Castration and of the Kind of Sympathomimetic Drug Used upon the Reactivity of Rat Seminal Vesicles. <i>C. S. Porto, M. L. C. de Abreu and Z. P. Picarelli</i> | 101 |
| Effects of Ifenprodil Tartrate on α -Adrenoceptors and Ca^{2+} Movement in Isolated Canine Saphenous Veins. <i>H. Honda, Y. Sakai, T. Iwata, S. Ohba, T. Kanazuka and O. Irino</i> | 112 |
| Different Sensitivity of β_1 - and β_2 -Adrenergic Receptors towards Cyanogen Bromide. <i>Y. Severne and G. Vauquelin</i> | 122 |
| Vasodilator Responses in Perfused Rabbit Kidney: the Role of Endothelium. <i>B. Malomvölgyi, P. Hadházy and K. Magyar</i> | 131 |
| Simultaneous Assessment of Effects of Calmodulin Antagonists and Ca^{++} Channel Blockers on the Electrophysiological and Mechanical Characteristics in Excised Guinea-pig Papillary Muscles. <i>K. Koyama and N. Himori</i> | 141 |
| Frequency-Dependent Effects of Class I, III and IV Antiarrhythmic Drugs on the Conduction and Excitability in Rabbit Ventricular Muscle. <i>A. Varró, I. Bódi, A. Jednákovits and G. Rablóczy</i> | 157 |
| Cardiac Glycoside Receptors in Clinical and Experimental States of Chronic Renal Failure. <i>F. Lübbecke, J. Hüting, V. Steudle, W. Kramer, G. Schütterle and V. Wizemann</i> | 166 |
| Distinction Between α -Adrenergic Receptors in Eight Vascular Areas of the Dog. <i>W. F. G. A. Immink and G. A. Charbon</i> | 172 |

| | |
|--|-----|
| Effects of Sesame and Cod Liver Oils on Prostacyclin Synthesis by the Rat Thoracic Aorta. <i>K. E. H. El Tahir, E. A. Hamad, A. M. Ageel, M. A. Abu Nasif and E. A. Gadkarim</i> | 182 |
| Influence of Parathyroidectomy on Aortic Responsiveness to Noradrenaline in Spontaneously Hypertensive Rats. <i>R. Schleiffer and A. Gairard</i> | 189 |
| Antihypertensive Action of a Novel Orally Active Angiotensin Converting Enzyme Inhibitor Altiopril Calcium (MC-838) in Several Hypertensive Models of Rats: Comparison with Captopril. <i>J. Aono, T. Koga, T. Yamazaki, Y. Shiraki and K. Sakai</i> | 203 |
| Comparative Cardiovascular Effects of a Novel Angiotensin Converting Enzyme Inhibitor Altiopril Calcium (MC-838) and Captopril in Spontaneously Hypertensive Rats. <i>M. Akima, Y. Shiraki and K. Sakai</i> | 223 |
| Effects of Angiotensin Converting Enzyme Inhibitor (SA-446) on Regional Hemodynamics in Renal and Spontaneously Hypertensive Rats. <i>Y. Abe, W. Sakamoto, K. Fukui, H. Iwao, T. Takada and K. Yamamoto</i> | 237 |
| Influence of Temperature on the Responses to Serotonin (5-HT) in Perfused Rat Lung. <i>S. Uma, M. Tuncer and S. O. Kayaalp</i> | 248 |
| Methylprednisolone Pulses and Urine Electrolyte Excretion. <i>D. G. Waller, D. F. Barrett and A. Polak</i> | 258 |
| Renal Actions of the New Angiotensin Converting Enzyme Inhibitor CGS 16617. <i>N. R. Levens</i> | 266 |
| Kallikrein Release from the Kidney: <i>in vitro</i> Effects of AVP and DDAVP in Three Species. <i>S. J. Grenfell, J. D. M. Albano and D. G. Waller</i> | 281 |
| Influence of Chlorpromazine on Motility and Calcium Uptake of Boar Sperm. <i>M. A. Namyniuk and A. K. Chaturvedi</i> | 286 |

